

FOLIO

THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

5 OCTOBER 1978

AN EVENING WITH CHARLES DARWIN

In a freshman Zoology class at Berkeley in the mid-1960s, the usual large collection of uninterested student faces came abruptly to life as the eighteenth century physician William Harvey strode into the lecture hall, with a long wig of white curls, knee breeches, brocade suit, and lace collar.

Thereafter, their professor, Richard Eakin, a noted scientist and teacher and former Chairman of the Zoology Department at the University of California (Berkeley) appeared before them as Charles Darwin, Gregor Mendel, William Beaumont (the first great American physiologist), Louis Pasteur, and Nobel prize winner Hans Spemann. Professor Eakin stepped into the characters of these great men in the history of biology in his search to find ways to hold his students' attention and "fight their general antipathy to lectures."

The lecture series continued, the audiences grew as students brought friends who crammed into the aisles and doorways, and a series of six films of the lectures was made, "to enable students everywhere to share in the experience of attending Professor Eakin's highly acclaimed lectures."

Professor Eakin, a guest of the Department of Zoology, will be presenting "An Evening with Charles Darwin," on Thursday, 12 October, at 8 p.m. in TL-11 Tory Building. Admission is free, and everyone interested is invited to attend.

The following day, Professor Eakin will be addressing a Zoology Department Seminar as himself, a recognized authority on the fine structure of eyes. The seminar, on "Some new studies on photoreceptors," will be held at 4 p.m. in 345 Agriculture Building.

UNITED WAY CAMPAIGN ON CAMPUS

Last week the annual United Way campaign began in Edmonton, and with it began the most active United Way campaign to be conducted at the University in recent years.

Lyle Lavender, a United Way representative assigned to the campus for the period of the campaign, has been working to reach as many staff and students as possible, through posters, banners, films, and departmental liaison. The final staff information sessions



Richard Eakin as Charles Darwin

with films will be given on Friday, 6 October, between 9 a.m. and 4 p.m. in the Council Chamber in University Hall.

"In the past," Mr. Lavender said, "although those from the University staff who did donate to the United Way gave very generously indeed, the proportion of University staff who gave was very small, only twelve percent. We are hoping to

improve on that." University staff who donate at home unfortunately cannot be counted within the contributors from the University.

Pledge cards will be sent to all staff, enabling them to give the United Way on a monthly basis by way of a deduction from their salary cheques—"a considerably less painful way to make a donation than a lump sum, and the income tax deduction is shown

on your T-4 slip, so there are no receipts to lose later."

In addition to the appeal to staff, Mr. Lavender has been working with student groups such as the Students' Union, the Interfraternity Council, and the Panhellenic Society to organize a "student blitz," that will occur during this month.

The United Way is an "umbrella" charity covering forty-one community agencies that provide services for youth, services to strengthen families, and counselling, rehabilitation, and preventive programs. Throughout the year, the United Way maintains a small staff and coordinates volunteer activities to evaluate the programs it funds, "and keep them efficient, economical, and in step with community needs," as well as to consider new programs that apply to the United Way for support.

Because so much of the work of the United Way is done by volunteers (including professionals who volunteer their expertise, such as lawyers, accountants, and social workers) and individuals whose time is donated by their companies, by far the lion's share of donations go to the forty-one agencies. Only eight percent of the funds are spent on the annual campaign, and a further seven or eight percent on year-round administration. Mr. Lavender's time, for example, has been donated to the United Way by Sears, and the United Way has assigned him to the University for six weeks.

University staff are urged to fill in their pledge cards and return them by 15 October so that the first deduction can be made by the Comptroller's Office on the October cheques. However, Mr. Lavender stresses,



Lyle Lavender, United Way representative

"we are happy to receive the pledge cards anytime." The goal for the United Way campaign for 1978 is \$3,371,000.

Those who wish further information about the United Way and services that it funds can reach Mr. Lavender at his office in 1-3 University Hall, telephone 432-2979.

NASA CERTIFIED

The Non-Academic Staff Association of the University has emerged from limbo as the official collective bargaining agent for the University's non-academic staff. A recent decision by the provincial government's Public Service Employee Relations Board resulted in NASA's certification as the bargaining agent for approximately 3,500 non-academic staff employed by the University. NASA has sent the University's Board of Governors a notice of its intention to negotiate a new collective agreement.

The association had applied for certification, but last June the application was turned down on the grounds that NASA was an employer-influenced organization (see *Folio*, 22 June 1978). On 13 June, NASA's executive was directed by the membership to correct all matters that were of concern to the PSERB and make a second application. This was done 30 June and conditions of employment for non-academic staff were frozen pending the Board's decision. The University of Alberta recognized the various economic and benefit sections during the waiting period.

George Walker, NASA manager, said there were no substantial problems along the way and that the association would now resume its regular activities. NASA membership dues have not been deducted from salary cheques for the past three months and reinstatement of the deductions hinges on forthcoming negotiations between NASA and the Board of Governors.

GERMANIC LANGUAGES SPONSORS GEORG KAISER SYMPOSIUM

From 11 to 14 October, the Department of Germanic Languages is sponsoring a Symposium on the life and work of the German dramatist Georg Kaiser (1878-1945). The Symposium is intended to provide an opportunity for a contemporary assessment of Kaiser who, in the twenties, was the most frequently played dramatist on the German stage and whose plays were also performed in nearly all European capitals and on the stages of New York, Sidney, Moscow, and Tokyo. A colorful personality, Kaiser was the centre of a sensational embezzlement trial in 1921.

Major contributors to the Symposium include W. Huder, Akademie der Künste, Berlin; B.J. Kenworthy, University of Aberdeen; W. Paulsen, University of Massachusetts; K. Petersen, University of British Columbia; E. Schürer, Pennsylvania State University; and A. Arnold, McGill University. In addition twelve other speakers and participants from Canadian and American universities will appear on the program.

During the Symposium, two films based on works by Kaiser will be shown and three one-act plays will be performed by staff and students of the Department of Drama. The film showing is on Wednesday, 11 October at 7:30 p.m. Zeidler Hall, Citadel Theatre (\$2.75 at the door), and the drama performance is on Friday and Saturday, 13 and 14 October at 8 p.m. in Studio Theatre, Corbett Hall (\$2.50 at the door).

In 1962, the University Library established the Georg Kaiser Collection consisting of copies of manuscript and documentary material obtained from the Georg-Kaiser-Archiv in Berlin and from private source in Switzerland where Kaiser lived in exile from 1938 until his death in 1945. Since 1962, nearly all first and special editions of Kaiser's works, the relevant critical literature, and other archival items have been added to the Collection which is believed to be unique in its comprehensiveness. Housed in the Special Collections Department, Cameron Library, the Collection has been used as a resource for graduate theses and other studies on Georg Kaiser.

FOLIO

Inquiries concerning the placement of Notices and Advertisements in *Folio* and all other correspondence with the Editor should be addressed to:

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A special Kaiser Exhibition showing selected items from the Georg Kaiser Collection will be on display in the Special Collections Department, Cameron Library, Monday to Friday, 8:30 a.m. to 4:30 p.m.

The Symposium is being organized by E. Reinhold, Department of Germanic Languages. For further information, telephone 432-4144.

PRESIDENT GUNNING INAUGURATES COLLOQUY

"Colloquy", a column devoted to the free expression of opinions held by members of the University community, will be a regular feature in future editions of *Folio*. The criteria for the use of this space are simple. Submissions must be no longer than 1,000 words in length, and they must be typed and double spaced. Submissions must deal with issues that are of general interest to the University community, and they should be signed. While *Folio* is the official newsletter of the University of Alberta, the opinions expressed in "Colloquy" will not necessarily reflect University policy or the opinions of the Editor. Submissions should be sent to Colloquy, Office of Community Relations, 423 Athabasca Hall. Submissions will not be returned, and the Editor cannot guarantee publication.

President Gunning has kindly agreed to initiate "Colloquy", and his comments are, in many ways, germane to the rationale behind the establishment of this column: the purpose of "Colloquy" is to foster better communication within the University community about issues that are of importance to us.

COLLOQUY

When I became President, a little over four years ago, what particularly disturbed me were the unfriendly and often hostile attitudes I encountered toward the University in many influential quarters. It became painfully apparent to me that if the University was to have the resources to carry out its legitimate role in the development of our Province, much had to be done to improve our relations with government, and with the many other groups in our society which are influential in determining government priorities.

Today I feel very much more optimistic about the future of our University. Through the efforts of many dedicated people, the University is now gradually being recognized as a vital institution in achieving the goal of making Alberta into a complete society

where everyone can realize his or her potential and personal objectives

In establishing effective communication, especially between the government and the University, our Board of Governors has been critically important. It must be stressed that the lay members of our Board have high credibility with Government, and they are therefore the most effective instrument for representing the legitimate needs of our institution to those responsible for determining the level of support that we obtain.

In the close relationship which the President enjoys with the Board of Governors, I have been heartened by the efforts that Board members have made to improve our image with Government, and to represent in the strongest terms what we require as an institution to maintain the quality of our services.

Under the auspices of the Community Relations Committee of the Board, we have had a number of effective meetings with MLAs from the Edmonton area, and with our Minister, Dr. A.E. Hohol. These were friendly but very frank exchanges on matters which deeply influence Government's attitude toward us. What emerged very early in the course of these discussions were serious misconceptions about the University which could only be dispelled by establishing a continuing dialogue between the government's representatives and the University. It may be some time before we reap the full benefits from such efforts, but there is no doubt that we have markedly improved communication with those who are in a position to significantly influence government priorities.

One of the most concrete expressions of the Board's deep concern for improving communication both within and without the University can be seen in the appointment of Dr. W.A. Preshing as Director of Community Relations, reporting directly to the President. The University is a vast organization, exploring in its teaching and research programs the full range of intellectual endeavor. One of Dr. Preshing's major objectives will be to acquaint the public with the many contributions which we, as an institution of advanced education, are making toward improving the quality of living for all Albertans.

In addition, however, we have much that must be done to establish more effective communication within our own walls. Intense specialization can isolate us into small non-interacting groups speaking different languages, very much like a modern Tower of Babel. The fact is that we cannot function with full effectiveness as an institution unless staff and students have a practical knowledge of the bicameral system by which

we are governed, in accordance with The Universities Act, and how they may influence the institutional decision-making process.

For the Board of Governors to speak with conviction about the needs of the University, we must markedly improve information flow from the Faculties to the Board. To this end, the Board is planning a series of visits to the various Faculties in order to become more familiar with the enormous range of excellent work in progress at our institution. This is but another example of the seriousness of purpose which characterizes the activities of our Board of Governors.

In the final analysis, however, the most effective way for us to improve our relations with government and with the society we serve, is to demonstrate that our intellectual resources are critical for the full development, both socially and economically, of our Province. This mission, I am pleased to say, we are performing with increasing effectiveness. I am proud of the many contributions which we are making toward the maturing of Alberta society. In many cases, the only experts available to solve critical problems are in our Universities, and the enthusiasm of our staff in participating in this exciting Provincial adventure has contributed enormously toward improving our public image in this province.

It is coming home to our Government that while our staff may come from many parts of the world, we are first and foremost dedicated Albertans with a strong devotion to our province.

Perhaps I may be permitted to close this short article on a more personal note. As I move into the final year of my term as President of this great University, I am acutely conscious of my indebtedness to many outstanding people who have made this experience such a totally fulfilling one for me. I am the richer for having now a much deeper understanding of the vast human resources we are blessed with at our University, and I can therefore speak with conviction of direct experience of the critical importance of the University of Alberta to the total growth of our great province.

H.E. Gunning

SEARCH COMMITTEE FOR A PRESIDENT PROGRESS REPORT

The following information has been received from John Nicol, Secretary to the Governors.

Advertising

The Chairman has written to the Presidents of other Canadian universities inviting suggestions as to possible candidates.

Consultants

The Committee has received submissions from three firms of management consultants on how they might assist in the search for a President, and has employed Price Waterhouse Associates for this purpose.

Role and Function of the President

The Committee has met with Dr. H.E. Gunning and Dr. M. Wyman and heard their views on the role and function of the President.

Selection

Nominations continue to be received for the position in response to advertising, but no assessment has yet begun of the replies received.

GENERAL FACULTIES COUNCIL

The regular meeting of General Faculties Council was held on Monday, 25 September. The following items were among those discussed.

New Members

Council received the names of the following new faculty members elected to serve on GFC: E. Crown, Home Economics, until 30 June 1981; and M. Poznansky, Medicine (Physiology), until 30 June 1981.

Council also appointed three students who had been selected by their constituent groups to serve on GFC: Anwar Chaudry, graduate student, Economics; Bill Akam, Engineering-4; and Leslie Marxheimer, undergraduate, Physical Education and Recreation. All student terms end on 31 March 1979.

Nominating Committee

Council elected members to serve on the following committees.

Review Committee for the Dean of Rehabilitation Medicine: Pauline Kot, Nursing.
Review Committee for the Dean of Medicine: M. Beswetherick, Nursing.

Selection Committee for the Chairman of the Department of Music: L. Marckworth, Linguistics.

Ad hoc Committee on GFC Committees and Procedures: K. Dawson, Physics; J.F. Forest, English; H. Lysons, Educational Foundations; R. Coutts, Pharmacy; F. Enns, Educational Administration; C. Battacharya, Commerce-2; R. Gillies, Arts-3. (Note: vacancies on this committee remain for one additional staff member and one graduate student.)

Advisory Group to the Seventy-Fifth Anniversary of the University: T. Dennis, Home Economics.

Equal Opportunities Committee: S. Munro, East Asian Studies. (Note: a vacancy exists on this committee for one undergraduate

student.)

Faculty Tenure Committees Panel of Staff Members:

E. Miklos, Educational Administration; J. Hoddinott, Botany; P. Hayes, Nursing; J. Plambeck, Chemistry; A.R. Robblee, Agriculture; D. Pugh, Educational Foundations; D. Kuiken, Psychology; G. Cathcart, Elementary Education; H.D. Tichenor, Industrial and Vocational Education; H. Kreisel, Comparative Literature.

General Appeals Committee (elected by GFC Executive in July 1978):

K.A. Dier, Nursing; J.T. Ryan, Chemical Engineering; C.R.B. Dunlop, Law.

University Planning Committee:

B. Abu Laban, Sociology.
Academic Appeals Committee: Shelley Quinn, graduate student, Comparative Literature; M. Kratz, Engineering-3; R. Williams, Arts-3; alternate: A. Ropchan, Arts-2. (Note: vacancies remain for two alternate staff members and one alternate undergraduate member.)

Advance Registration

To allow an additional two weeks for departments to submit timetabling and *Calendar* information to the Registrar's Office, the Faculty of Arts proposed changing the beginning of the advance registration period from 1 March to 15 March. Council approved a motion "that the advance registration period for all eligible continuing students begin 15 March and continue for a period of at least four weeks." It was noted that faculties could continue advance registration beyond the four weeks if they so chose, "up to, but not later than, 15 June."

University Professorships

In November 1976 the Board of Governors asked that GFC undertake a review of the policy and procedures relating to University Professorships and recommend procedures for the future. An ad hoc committee was duly struck, and submitted its report the following March to the GFC Executive Committee, which referred it to the Deans' Council and the Academic Development Committee.

Deans' Council felt that "the report did not address the issues of the uni- or multidisciplinary nature of the appointments or the funding of appointments." There was concern that the ad hoc committee's report, if adopted, would "institutionalize the office of University Professor and remove the incumbent from responsibility to a particular department."

The Academic Development Committee recommended that the practice of awarding the title be discontinued, because "there were no clear guidelines defining an interdisciplinary/multidisciplinary scholar," and

"the purpose of the University Professorship was neither clear nor well-understood on campus." ADC was also not convinced that the University Professorship had met its original objectives.

The GFC Executive, too, felt "disinclined to endorse the whole report," although it was agreed "that the institution of University Professorship should be preserved, with a view to acknowledging academic achievement and enhancing the reputation of the University."

Council itself was divided on the matter of University Professorships and the recommendations contained in the ad hoc committee's report, which would tend to preserve the position as it exists. Dean Baldwin (Arts) pointed out that the original intention of the University Professorship had been to "accommodate people with interdisciplinary accomplishments" that might be somewhat outside the usual, so that their expertise could be made use of by several departments. He stressed that it was not intended as a "distinguished professorship."

Michael Stiles (Home Economics), a member of the ad hoc committee, stated that the committee had interpreted the University Professorship as recognizing "meritorious service in an interdisciplinary area."

Dean Lock (Interdisciplinary Studies) suggested that interdisciplinary appointments were a normal matter in the University. He further said that since the Tory Professorship, which was originally intended as a distinguished professorship in a single discipline, was never filled because of the lack of funds, it seemed to have become combined with the University Professorship in practice, and that he was not opposed to this amalgamation.

Others felt that distinguished professorships were an inadequate means of honoring a noted and valuable staff member, that such individuals received more suitable honors in their own disciplines.

The suggestion that the University Professorship was a kind of Senate was denied by Vice-President Horowitz, who chaired the meeting, on grounds that the University Professor carries a full course load, receives no additional monies for travel, and has no special considerations because of his position.

Council finally agreed to refer the ad hoc committee's report to the Executive Committee, who will decide which body would be most appropriate to consider the report again.

Writing Competence Committee Report

Council considered several recommendations in the first report of the Writing Competence Committee (WCC).

The "initial task" of the WCC was to implement various recommendations of the original ad hoc Committee to Investigate Writing Skills.

With respect to Recommendation A.3 of the original report, GFC had recommended "that General Faculties join the Faculty of Arts in urging the Department of English to offer, as soon as possible, at least one full-year course . . . in English Composition and Rhetoric at the 300-level. . . ." The WCC recommended various steps towards implementing this recommendation, suggesting specifically that the appropriate deans make use of vacancies that may occur and of contingency funds as necessary to provide an appropriate joint appointment between English and Secondary Education.

Council approved a motion "that GFC endorse the view of the Committee on Writing Competence that the responsibility for making possible the implementation of a new upper level course in composition lies with the University rather than, exclusively, the English Department; and further, therefore, that GFC urge the University Planning Committee to give early and sympathetic consideration to the related needs of the English Department, with due regard, however, for the financial circumstances of the Department anticipated for the time of implementation."

In response to recommendation C.1 of the original committee, the WCC recommended "that development of a writing and reading test for University students should be accomplished in three phases." The GFC Executive had referred this recommendation to the WCC and to Institutional Research and Planning for a feasibility study.

Council agreed that WCC should proceed with the three-phase implementation of a reading and writing test for University students, commencing in the fall of 1979. It also approved an amendment that at the end of phase I results be reported to GFC for consideration before proceeding with phase II.

With phase I, the test would be administered to a sample of first-year students; the test design would be approved by the WCC and would consist of both writing samples and machine-scored multiple choice questions. Under phase II, the test would be administered to all matriculating students, with the results being distributed to junior and senior high schools and with faculties in the Universities stating minimum acceptable scores. Students scoring below this level would be informed by their faculties that they will have to improve their reading/writing competence. Only under phase III would the reading and writing competence test become an entrance

requirement for University work.

The WCC recommended further that it identify one agency of information and advice on writing competence to students, that that agency advertise its service in this regard to the student body, and that it prepare, in cooperation with other agencies currently providing assistance, a series of handouts and workshops designed to overcome specific deficiencies. The agency which has agreed to do this is the Office of Student Affairs.

The WCC also recommended "(I) that those (and only those) students who exhibit a minor deficiency in English on the TOEFL be required to take appropriate ESL (English as a Second Language) courses in the Faculty of Extension on a fee remission basis; (II) that . . . the University must retain control of standards and that for this group of students no course other than those sponsored by the University be eligible for fee remission; (III) that the English Language Service *not* be re-established because of the cost of administration and staffing; (IV) that the WCC be directed to investigate the cost-effectiveness of recommendation I and the functional implications of II and III (above)."

Council approved all of these recommendations. GFC Executive had asked that faculties report the standard of their English language requirements.

On the remaining recommendations, Council agreed that no further action was needed. These recommendations included the request that the Class Record Book should include the sentence, "All instructors should make clear at the outset of each course their expectations in regard to the standard and importance of writing in assignments and examinations." It was reported that that sentence is already included in the Class Record Book.

The remaining WCC recommendations remind instructors and students of GFC's action vis à vis recommendations C.4 and C.5 in the original report: approval in principle "that all instructors of University undergraduate courses provide that suitable portions of course testing or other course work should be in the form of written essay responses and emphasize to students that competence in written work is integral to competence in a subject and will constitute part of the basis on which the student's course grade is determined" and approval in principle "that all instructors of University undergraduate courses make clear the expectations and standards regarding writing performance at the outset of each course so as to minimize uncertainty in the students' approach to their written assignments and examinations."

Extramural Courses

Dean Zelmer of the Faculty of Nursing proposed that section 14.4.1 of the *Calendar* be deleted. Section 14.4.1 reads, "In addition, applicants whose previous university work was done by correspondence may be granted advanced standing only with respect to the first year of their program. The limitation to junior courses may be waived in special circumstances, on appeal to the dean of the student's faculty."

Council agreed to refer this request to Deans' Council.

Conference Funds Committee

Council received the annual report of the Conference Funds Committee of 1977-1978.

In addition, Council approved a motion that in future, the purpose of each conference be stated with the amount of money granted, and also that, in future, the criteria for granting awards be set out.

Bachelor of Physical Therapy Degree

Council acceded to the request from the Faculty of Rehabilitation Medicine that "after 1 July 1978 the designation of the degree offered to graduates from the Physical Therapy program be change from Bachelor of Physical Therapy to Bachelor of Science in Physical Therapy."

PEOPLE

- Madeleine J. Monod, Secondary Education, was named a member of the Canadian Human Rights Tribunal by order of the Privy Council, on 20 July 1978.
- L.A. Kosinski, Geography, chaired two international symposia organized by his International Geographical Union Commission on Population Geography. The first was held in Zaria, Nigeria, in conjunction with the IGU Regional Conference in Lagos, Nigeria; the second was held in Oulu, Finland, prior to the Conference of the International Union for the Scientific Study of Population in Helsinki. The main topic of both was population distribution policy.
- Abram G. Konrad, Centre for the Study of Postsecondary Education, presented a paper, "Institutional Renewal: A Mechanism for Establishing Priorities for the 1980s," at the Fourth International Conference on Higher Education, 29 August to 1 September, at the University of Lancaster, in England.
- Yar Slavutych, Slavic Languages, presented a paper on Ukrainian orthography at the Harvard Ukrainian Research Institute recently. His poetry was included in *Poets of Canada*, compiled by John Columbo and published by Hurtig Publishers, 1978.

- Don Gill, of the Department of Geography, has been invited to present a paper based on his research on northern winter ecology to the Eleventh International Polar Meeting which will be held in Berlin during October.
- Will Reese of the Department of Elementary Education participated in the University of California Botany Expedition to Mount Keyna during the past summer. The Edmonton Journal is publishing a series of six articles by Dr. Reese concerning his quest for a rare species of *Ranunculus*. The series began on 2 October and is running daily to 7 October.

PUBLICATIONS

A new column will be appearing on a regular basis in future issues of *Folio*. In this column, "Publications," it is our hope to place full bibliographic references to all work published by members of the University community during the current year (academic staff, non-academic staff, and students). The rationale for the new column is twofold: we hope to increase public understanding of the research function of this institution and of the significance of the advanced work that is undertaken here in a multiplicity of disciplines, and we wish to facilitate the compilation of an annual index of publications by our colleagues.

The criterion for the inclusion of work in the "Publications" column is simple: the work must have appeared in print during current academic year, in books, monographs, learned or professional journals, or in proceedings of conferences. The titles of papers delivered at conferences and seminars will not be included in this column unless they have subsequently appeared in acta and proceedings. Similarly, work "in press" will not be accepted for inclusion in this column until it has finally appeared in print.

The success of this column depends on you, the reader. Please send your submissions (following as closely as possible the mode of citation employed in this column without any abbreviation) to:

Publications Column—*Folio*
Office of Community Relations,
423 Athabasca Hall,
Edmonton, Alberta,
T6G 2E8.

If you have any queries concerning the establishment of the Publications column and its intended function, please telephone us at 432-2325.

Ashman, A.F. (Educational Psychology) and J.P. Das (Centre for the Study of Mental Retardation) ed.: *Mental*

Retardation. Facts and Issues. Edmonton: Centre for the Study of Mental Retardation, University of Alberta, 1978.

Hepburn, D., and R. Mulcahy, Some problems in defining mental retardation: needs and expectations, pp. 1-9.

Brown, P., Genetic counselling, pp. 11-16.

Segal, D.J., Slow viruses and mental retardation, pp. 17-20.

Pivato, E., The causes of malnutrition and its varying effects on intelligence, pp. 21-26.

Segal, D.J., Smoking, drinking and your baby's mental health, pp. 27-31.

Das, J.P., Diagnosis and measurements of hyperactivity, pp. 41-47.

Mulcahy, R.F., Autism: beautiful children, pp. 49-53.

Ashman, A., Preschool education for delayed children, pp. 55-62.

Das, J.P., Helping strategies for disadvantaged children, pp. 63-68.

Kysela, G.M., K. Daly, A. Hillyard, and L. McDonald, The Early Education Project: A home and school approach to the early education of handicapped children, pp. 69-75.

Das, J.P., Attention: where it's at, pp. 77-81.

Kysela, G.M., A token economy, pp. 83-87.

Baine, D.A., Beyond the token economy, pp. 89-94.

Boisvert, J.M., and R. Savitt, eds. (*Marketing and Economic Analysis: Marketing 1978: New Trends in Canadian Marketing/Les Directions Nouvelles en Marketing au Canada*). Annual Proceedings of the Marketing Division, Administrative Science Association of Canada, May 1978.

Brown, S.A., An examination of a possible conceptual framework for social marketing, pp. 64-70.

Bryan, A., Ed. (*Anthropology: Early Man in America from a Circum-Pacific Perspective*). Occasional Papers of the Department of Anthropology, The University of Alberta, no. 1. Edmonton: Archaeological Researches International, 1978.

Christensen, P.J. (*Microbiology*): The history, biology, and taxonomy of the *Cytophaga* group. *Canadian Journal of Microbiology* 23, no. 12 (1977): 1599-1652.

———. Synonymy of *Flavobacterium pectinovorum* Dorey with *Cytophaga johnsonae* Stanier. *International Journal of Systematic Bacteriology* 27, no. 3 (1977): 122-132.

——— and F.D. Cook (*Soil Science*): *Lysobacter*, a new genus of nonfruiting, gliding bacteria with a high base ratio. *International Journal of Systematic Bacteriology* 28, no. 3 (1978): pp. 367-393.

Collinson, H.F. (*University Collections: Inuit Games and Contests*). Exhibition Catalogue with an introductory essay by George Swinton. Edmonton: The University of Alberta, 1978.

Hermansen, G. (*Classics*): The population of Imperial Rome: The Regionaries.

Historia. Zeitschrift für Alte Geschichte 27 (1978): pp. 129-168.

Krapf, G. (*Music*): Renaissance—The Reformation Tradition. In *Key Words in Church Music*. St. Louis: Concordia Publishing House, 1978.

———. *Fantasy for Organ on "O Jesus Christ To Thee May Hymns Be Rising."* Melville, N.Y.: H.W. Gray, 1978.

———. *Partita for Organ on "Vater unser im Himmelreich."* Springfield, Ohio: Chantry Music Press, 1978.

———. *Sing and Rejoice: Hymn Settings for Organ and Congregation*. Dayton, Ohio: The Sacred Music Press, 1978.

———. *Te Deum for SATB, Congregation and Organ*. Minneapolis: Augsburg Publishing House, 1978.

Moses, Cherie, ed. (*Art and Design: Health and Safety in Printmaking*). Edited by C. Moses, J. Purdham, D. Bowhay, and R. Hosein. Edmonton: Alberta Labour, 1978.

Percy, D.R., ed. (*Law: Contracts: Cases and Commentaries*). Edited by D.R. Percy and C. Boyle. Toronto: Carswell Company Limited, 1978.

Reschenthaler, C. (*Business Administration*) and W.T. Stanbury: Benign monopoly: Canadian merger policy and the K.C. Irving case. *Canadian Business Law Journal* 2, no. 2 (1978): pp. 135-168.

Savitt, R. (*Marketing and Economic Analysis*): Consortium marketing for small business: Canada and Eastern Europe. *Journal of the Academy of Marketing Science* 5 (1977): pp. 115-118.

Schaarschmidt, G. (*Slavic Languages*): Aspirated stops in Serbian and German. *Germano-Slavica* 2, no. 5 (1978): pp. 337-352.

———. On the typological variability of argument regrouping in the Slavic languages. In *Canadian Contributions to the 8th International Congress of Slavists*. Ottawa: Canadian Association of Slavists, 1978, pp. 117-142.

Smith, P.J., ed. (*Geography: Edmonton: The Emerging Metropolitan Pattern*). Western Geographical Series, vol. 15. Victoria: University of Victoria, 1978.

Seifried, N.R.M., The changing economy of Edmonton, 1961-1971, pp. 1-27.

Fairbairn, K.J., and B.M. Barr, Edmonton's manufacturing economy: a comparative analysis, pp. 29-57.

Johnson, D.B., The unplanned commercial nucleation as a regional shopping centre, pp. 59-91.

Brown, S.A., Shopper attitudes towards competitive regional centres as a factor in patronage choice, pp. 93-117.

McCann, L.D., and P.J. Smith, The residential development cycle in space and time, pp. 119-159.

Fairbairn, K.J., Locational changes of Edmonton's high status residents, pp. 199-231.

Ironside, R.G., Locational adjustments in public service facilities, pp. 233-262.
 Smith, P.J., and H.L. Diemer, Equity and the annexation process: Edmonton's bid for the Strathcona Industrial Corridor, pp. 263-289.

Thornberry, R.S. (Romance Languages):
André Malraux et L'Espagne. Histoire des Idées et Critique Littéraire, vol. 166. Geneva: Librairies Droz, 1977.

NOTICES

Notices must reach the Editor by 9 a.m. the Thursday prior to publication. Written notification is necessary. Notices should be sent to Folio Notices, 423 Athabasca Hall.

A Tribute to Children: Volunteers Needed

On Sunday, 22 October, Edmonton will be launching its celebration of 1979 as International Year of the Child with "A Tribute to Children."

"A Tribute to Children" will be both for children and for adults who care about children. It will feature a downtown parade, which will include bands, a calliope, a Chinese dragon, antique automobiles, and other things that delight children and adults. The parade will begin at 1:30 p.m., and will be followed by an afternoon of events at the Plaza Hotel. Exhibits are being prepared by some forty-five groups and agencies concerned with children, a film program is being planned, and throughout the hotel a variety of performers will be appearing: puppeteers, singers, a bell choir, instrumentalists, and others. A more formal program will follow, with a guest speaker of special interest to children and, mainly, children themselves.

Volunteers are needed to help on 22 October as parade marshalls and hosts. Students and staff who are interested are invited to telephone J. Bishop, Elementary Education, at 432-5478.

Year of the Child Committee

The University's Committee on the International Year of the Child will be holding a meeting on Monday, 23 October, in 3-15 University Hall. Sub-committee reports will be received. All interested persons are invited to attend.

Swimming Schedule Adjusted

Due to increased use of the University Pool, the Dean of the Faculty has made budget adjustments affecting the recreational swimming hours to a limited extent. Effective 2 October, the 4 p.m. to 5 p.m. recreational swimming session was extended to 5:30 p.m., Monday through Friday.

Ecological Reserves Documentary

The CBC documentary on ecological reserves

will be broadcast as a John Hanlon Special on Thursday, 5 October, at 7:30 p.m. This program will interest Albertans concerned with the rapid disappearance of the best remaining examples of undisturbed natural areas in the province.

The Alberta Ecological Survey hopes that as many people as possible will watch the documentary, and any comments on the program will be welcomed. Comments should be directed to the Coordinator, Bob Ellis of the Department of Botany.

Science Dining Club

The Science Dining Club will meet at 6 p.m. on Thursday, 19 October. David Cass of the Department of Botany will speak on "Strategy and recognition of plant sex." The talk, followed by dinner, will take place in the Saskatchewan Room of the Faculty Club. Reservations should be made by 17 October with Mrs. P. Grant, Faculty of Science, telephone 432-4757.

Donations to International Students Office

The International Students Office would appreciate donations of sheets, pillows, pillow slips, towels, blankets, cooking utensils, and men's warm winter clothing (jackets, sweaters, etc.). Donations should be clean and in good condition. Please drop donations at the Office of Student Affairs, 225 Athabasca Hall.

University and Community Day Care Centre

The University and Community Day Care Centre being organized by the Joint University Day Care Committee will open on 1 November this fall. The Centre is intended for the children of academic and non-academic staff at the University, with priority given to those who have donated funds to help start the Centre, although the children of students and children from the community are also eligible for placement in the Day Care Centre. The Centre will be located in Windsor Park School, two blocks from the campus. The cost to parents will be \$190 per child.

A deadline of 16 October has been set for applications for children to be enrolled in the first class. For application forms and information, telephone Elizabeth Richards, Home Economics, 432-2475 or 433-3782, or write to A.M. Decore, Educational Foundations.

General Faculties Council Committee Vacancies

The GFC is seeking one member of the academic staff to serve on the following Committees.

Review Committee for the Chairman of the Department of Physiology and the *Selection Committee for Chairman of the Department of Accounting*. There is also a vacancy for one member of the academic staff on the

Equal Opportunities Committee (standing committee).

Regulations governing the composition of the above committees require that one member, not a member of the department concerned, be elected by GFC. Those people who have suggestions for nominations or who are interested in serving on one of these committees are requested to contact the Secretary of the Nominating Committee, 2-1 University Hall, telephone 432-4715. It would be appreciated if a brief vita could accompany any nomination.

Fall Fitness Classes

The Department of Athletic Services of the Faculty of Physical Education and Recreation is offering a series of fitness classes for University staff this fall.

Six courses of twenty sessions each will begin during the week of 10 October and continue until mid-December.

Early Bird—for beginners, Tuesday and Friday, 7 a.m. to 7:45 a.m.; intermediate, Monday and Thursday same time.

Mid-Day Madness—Monday and Thursday, 12:10 p.m. to 12:45 p.m.

Great Hairy Beasts (a heavy exercise program)—Tuesday and Friday, 12:10 p.m. to 12:45 p.m.

The Last Gasp—for beginners, Monday and Wednesday, 4:45 p.m. to 5:30 p.m.

The Four O'Clock Quickie—intermediate, Tuesday and Thursday, 4:45 p.m. to 5:30 p.m. The fee for these courses will be \$35.

In addition, a lecture and consultation course will be held on Wednesdays from 12:10 p.m. to 12:50 p.m., to help individuals plan and evaluate their own fitness fitness programs.

Instructors for the fitness classes will be Art Burgess, Larry Borysyk, and others.

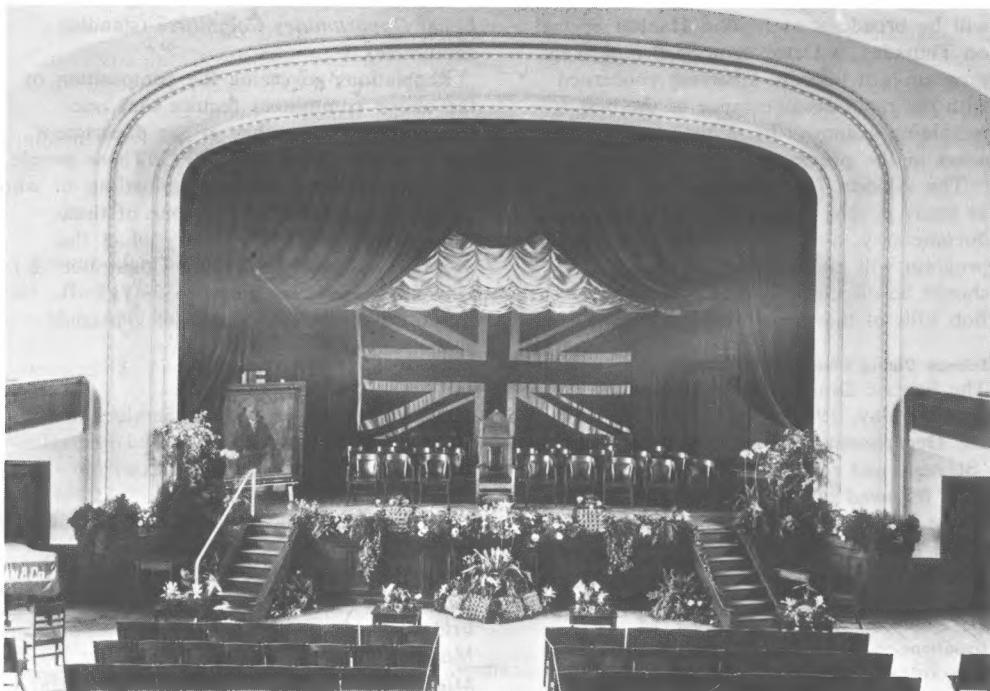
For additional information and registration forms, contact the Department of Athletic Services, W1-34 Physical Education and Recreation Centre, telephone 432-3365.

Edmonton Recorder Society

The Edmonton Recorder Society will meet on Friday, 13 October, at 8 p.m. in the Southwest Cultural Centre, 74 Avenue and 115 Street. Participants should bring their recorders and music stands. For further information, telephone 434-0091.

Towarzystwo Kultury Polskiej w Edmontonie

People interested in the problems of Polish society and its history, art, music, literature, and science are invited to join the Polish Cultural Society of Edmonton. The Society will offer a series of nine public lectures and panel discussions at two weekly intervals and will also present a series of films in collaboration with the Department of Sociology. The annual fee is \$2. For further



The first opening of Convocation Hall on Armistice Day, 1925.

information about the aims of the Society, please telephone A. Matejko, Department of Sociology, 432-3384.

INAUGURAL PERFORMANCE

Music is the universal language and the University is again speaking in a resolute and resonant manner. Evidence of this was given 1 October when a fully renovated Convocation Hall was officially re-opened and the facility's prize asset, the new Memorial Organ, was given its initial test. An audience of about 500 displayed its appreciation of both events by casting appreciative glances over the renovation work and by filling even the distant corners of the Hall with applause for the recital given by Gerhard Krapf.

In his opening remarks, Brian Harris, Acting Chairman of the Department of Music, referred to Convocation Hall as one of Canada's great concert halls. He briefly outlined the scope of the \$1.2 million renovation project and termed the re-opening a tribute to the foresight of the Board of Governors and a number of other University bodies.

President Harry Gunning told the audience that "it's a rare occasion in the life of a president when he's totally consumed and self-fulfilled . . . this is how I feel about the re-opening of Convocation Hall."

Dr. Gunning noted that Convocation Hall had been renovated only after several

committees had accorded the project careful consideration and detailed planning and funding procedures had been carried out. "I'm sure this litany would not charm you tonight," he added.

Following the ten minute re-opening ceremony, Professor Krapf interpreted works by Bach, Reger and Violet Archer, Professor Emeritus of Music at this University. Professor Archer was in attendance to hear the premier performance of *Three Chorale Preludes*. Professor Krapf also played one of his own compositions as well as two 16th Century dances. Another Bach piece was played in the encore. Then it was time to renew memories of the venerable Hall, conduct a close-up examination of the Memorial Organ and look ahead to the succession of concerts planned by the Department of Music.

THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. on the Thursday prior to publication. Written notification is necessary. Listings should be sent to Folio Listings, 423 Athabasca Hall.

5 OCTOBER, THURSDAY

Students' Union Theatre

7 p.m. and 9:30 p.m. SU Concerts presents Maynard Ferguson and Orchestra in concert. Tickets \$8.50 at the SU Box Office (HUB Mall), Mike's, and all Woodwards Stores.

Cinematheque 16

7:30 p.m. *Dreigroschenoper/The 3 Penny Opera* (Germany, 1931). Directed by G.W. Pabst and starring Rudolph Forster and Carola Neher. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Centennial Library

7:30 p.m. "Common Law Relationships and Illegitimacy," the first in a series of four lectures on family law. Sponsored by Student Legal Services of Alberta and the Edmonton Public Library. Centennial Library Music Rooms. Free admission.

6 OCTOBER, FRIDAY

Faculty Club

Downstairs. TGIF buffet: prime rib of beef, baked ham, potato, vegetable, salad bar, dessert table, \$5.50. No grill service.

Upstairs. Chef's special: light omelette with mushrooms in cream sauce, sirloin of beef London House, potato, fresh vegetable, dessert table, \$7.95. Also regular dinner menu. Reservations required. Entertainment: Executive Branch.

Cinematheque 16

7:30 p.m. *Dreigroschenoper/The 3 Penny Opera* (Germany, 1931). Directed by G.W. Pabst and starring Rudolph Forster and Carola Neher. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Citadel/National Film Theatre

7:30 p.m. *Piroesmani* (USSR, 1971). Directed by Georgy Shengelaya. For ticket information contact the Citadel Box Office, telephone 425-1820.

Students' Union Theatre

8 p.m. and 10 p.m. SU Concerts presents the Moe Koffman Quintet in concert. Tickets \$6.50 at the SU Box Office (HUB Mall), Mike's, and all Woodwards Stores.

Edmonton Art Gallery

2:30 p.m. Dr. Fernando Camara Barbachano, a foremost authority on Mayan culture, will give a lecture on "Los Mayas," an exhibit currently on display in the Gallery.

Campus Observatory

9 p.m. For more information and tour reservations please call the Office of Community Relations, 432-2325.

Centennial Library

9:30 p.m. A concert preview of the work of Tom Rolston, violinist, who will appear as guest artist with the Edmonton Symphony Orchestra 14 October, Saturday. Sponsored by The Women's Auxiliary of the Edmonton Symphony Orchestra. Admission is free.

7 OCTOBER, SATURDAY

Faculty Club

Downstairs. Pizza royale: pizza—a super combination, salad bar, dessert table, adults \$4.50; children \$3.25. No grill service.

Upstairs. Thanksgiving dinner: cream of fresh vegetable soup, fresh garden salad, roast turkey with stuffing, mashed potatoes, fresh vegetable, pumpkin pie, adults \$7.95; children \$5.00. Also regular dinner menu. Reservations required.

Edmonton Art Gallery

1:30 p.m. *American Realists: Parts I and II*, a film to accompany an exhibition by Milton Avery. Free admission.

Centennial Library

2 p.m. Films on the theme of sports. Centennial Library Theatre. Free admission.

Provincial Museum

8 p.m. *The Marsh—A Quiet Mystery*, an Audubon film. Starring Thomas Sterling. Tickets \$2.50 and \$1.25 at the door.

8 OCTOBER, SUNDAY

Provincial Museum

2 p.m. A cultural heritage performance featuring Miguel Neri.

Centennial Library

2 p.m. Films on the theme of sports. Library theatre. Admission is free.

Cinematheque 16

2 p.m. *Die Dreigroschenoper/The 3 Penny Opera* (Germany, 1931). Directed by G.W. Pabst and starring Rudolph Forster and Carola Neher. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Provincial Museum

4 p.m. and 7 p.m. *House of Usher* (1960). A suspense thriller by Edgar Allan Poe.

Citadel/National Film Theatre

8 p.m. *Pirosmani* (USSR, 1971). Directed by Georgy Shengelya. A biographical film of Niko Pirosmanishvili. Zeidler Hall. For ticket information contact the Citadel Box Office, telephone 425-1820.

9 OCTOBER, MONDAY

Provincial Museum

2 p.m., 4 p.m. and 7 p.m. *The Egg and I*, a Thanksgiving Day film. A comedy starring Fred McMurray and Claudette Colbert.

Student Cinema

7 p.m. *1900* (Italy, 1977). Directed by Bernardo Bertolucci and starring Robert De Niro and Burt Lancaster. Students' Union Theatre. Tickets available at the SU Box Office (HUB Mall), and at the door.

Centennial Library

8 p.m. *Die Verrohung des Franz Blum/The Brutalization of Franz Blum*, part of a German Film Festival. Centennial Library Theatre. Admission is free.

NuWest Readings

8 p.m. "Thanksgiving Special of the Woodcroft Readings," with poetry readings by Stephen Scriver and Myron Turner; science fiction readings by H.A. Hargreaves. Woodcroft Library, 13420 - 114 Avenue. Sponsored by the Library and NuWest ReView.

10 OCTOBER, TUESDAY

Student Cinema

7 p.m. *1900* (Italy, 1977). Directed by Bernardo Bertolucci and starring Robert De Niro and Burt Lancaster. Students' Union Theatre. Tickets available at the SU Box Office (HUB Mall), and at the door.

11 OCTOBER, WEDNESDAY

Student Cinema

7 p.m. *1900* (Italy, 1977). Directed by Bernardo Bertolucci and starring Robert De Niro and Burt Lancaster. Students' Union Theatre. Tickets available at the SU Box Office (HUB Mall), and at the door.

Provincial Museum

7 p.m. *The Lost Weekend* (1945). An Oscar winning performance by Ray Milland. Also starring Jane Wyman.

Edmonton Film Society

8 p.m. *The Circus* (1928). A silent film starring Charlie Chaplin. Tory Lecture Theatre, TL-11. Tickets available at the SU Box Office (HUB Mall), all Woodwards stores, and at the door.

12 OCTOBER, THURSDAY

Student Cinema

7 p.m. *1900* (Italy, 1977). Directed by Bernardo Bertolucci and starring Robert De Niro and Burt Lancaster. Students' Union Theatre. Tickets available at the SU Box Office (HUB Mall), and at the door.

Centennial Library

7:30 p.m. "Custody and Access of Children," the second in a series of four lectures on family law. Sponsored by Student Legal Services of Alberta and the Edmonton Public Library. Centennial Library Music Rooms. Free Admission.

Cinematheque 16

7:30 p.m. *Network* (United States, 1976). Directed by Sydney Lumet and starring Faye Dunaway and William Holden. Downstairs, Edmonton Art Gallery. Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

An Evening with Charles Darwin

8 p.m. "An Evening with Charles Darwin," presented by Richard Eakin, University of California, Berkeley. Sponsored by the Department of Zoology. TL-11 Tory Building.

13 OCTOBER, FRIDAY

Faculty Club

Downstairs. TGIF Oktoberfest: sauerbraten, potato pancakes, red cabbage, salad bar, apple strudel, \$5.50. No grill service. Entertainment: Accordion Polkas.

Upstairs. Chef's special: cream of chicken soup, Waldorf salad, seafood brochette, rice, fresh vegetable, dessert table, \$7.95. Also regular dinner menu. Reservations required. Entertainment: Executive Branch.

Cinematheque 16

7:30 p.m. *Network* (United States, 1976). Directed by Sidney Lumet and starring Faye Dunaway and William Holden.

Downstairs, Edmonton Art Gallery.

Admission is \$2 for members and \$2.50 for non-members. Tickets available at the door.

Students' Union Theatre

8:30 p.m. SU Concerts presents the Music Group of London. Tickets \$6 at the SU Box Office (HUB Mall), Mike's, and all Woodwards stores.

14 OCTOBER, SATURDAY

Faculty Club

Downstairs. Saturday buffet: filet of sole bonne femme, rice, vegetable, salad bar, dessert table, \$5.50. No grill service.

Upstairs. Chef's special: borsch, Russian salad, rack of lamb, potato, fresh vegetable, poppy seed cake, tea, coffee, \$7.95. Also regular dinner menu. Reservations required.

South-Side Folk Club

8 p.m. The South Side Folk Club Concert featuring Fraser Bruce from Scotland and Brandywine, performing traditional and contemporary songs from the British Isles. Orange Hall, 104 Street and 84 Avenue. Admission is \$3. For further information, telephone 475-1042.

Students' Union Theatre

8:30 p.m. SU Concerts presents the Music Group of London. Tickets \$6 at the SU Box Office (HUB Mall), Mike's and all Woodwards stores.

EXHIBITIONS AND PLAYS

Provincial Museum

Continuing. "Stewart Cameron—Cartoonist," an exhibition of the work of the Alberta cartoonist.

Continuing. "Nova Scotia Mines and Minerals," an exhibition illustrating the twelve minerals that have been most important

in Nova Scotia's industrial growth.
To 10 October. Paintings of mushrooms and wildflowers in Alberta woods. Featured in the alcoves.

University Art Gallery and Museum
To 8 October. An architectural exhibition by Douglas Cardinal.
To 8 October. "Architectural Concepts for a new National Gallery," an exhibition of the ten final submissions for a new National Gallery.
Continuing. "Wordsand," an exhibition by Richard Kostelanetz.

Edmonton Art Gallery
Continuing. "The Portrait—An Historical Perspective" is an exhibition of the work of past international masters and the unknown photographers. "Aspects of the Portrait," an exhibition to show various aspects of the portrait in painting and sculpture.
Continuing. An exhibition of the later work of painter Milton Miles Avery.
From 5 October. "Los Mayas," an exhibition containing 330 pieces of Mayan sculpture and artifacts.
From 6 October. An exhibition of Robert Christie's paintings.

Centennial Library
Continuing. "Color and Space," an exhibit of acrylic paintings by Cecile Szazkiewica. Foyer Gallery.

Edmonton Actors' Workshop
To 8 October. YISKOR. Directed by Martin Fishman. Theatre 3. Tickets available at the SU Box Office (HUB Mall), Theatre 3, and at the Bay, downtown.

Walterdale Theatre
To 14 October. "Lloyd George Knew My Father." Directed by John Rivet. Tickets \$3 at the Bay downtown store. For information call 423-8526 or 433-1860.

Citadel Theatre
Continuing. Harold and Maude. Directed by Peter Coe. Shoctor Theatre. For ticket information and show times contact the Citadel Box Office, telephone 425-1820.

Graphica
From 5 October. "Pre-World War I Prints from South Central Alberta," an exhibition.

Multicultural Heritage Centre
From 7 October. "Salute to Alberta Authors and Publishers," an exhibition including a creative writing competition for school children in the Parkland School Board, Young Author's Creative Writing Workshops each Saturday of the month and special readings by several prominent Alberta authors, including Pauline Gedge, Henry Kriesel, and Marjorie Morgan, each Sunday, from 2 p.m. to 4 p.m. of the Exhibition. Complementing the exhibit will be a display

of wallhangings by the Parkland Woolworkers Guild. Open from 10 a.m. to 5 p.m. Tuesday through Sunday. 5411 51 Street, Stony Plain.

Special Collections
From 11 October. "Georg Kaiser, 1878-1945: Centenary Exhibition." First editions, letters and documents of the major German playwright. 037 Cameron Library.

LECTURES AND SEMINARS

5 October, Thursday

Biochemistry Seminar
12:30 p.m. "Slow Viruses: The Virus and Pathogenesis of Aleutian Mink Disease," with speaker H.G. Cho of the Canada Department of Agriculture, Lethbridge. 2-27 Medical Sciences Building.

Faculty Forum

12:30 p.m. "The Relevance of Faith to the Health of the Whole Person," with speaker Bernard Harnik of Zurich, Switzerland. 158A Students' Union Building.

Seismological Seminar

3:30 p.m. "The accuracy of Ray Synthetic Seismographs," with speaker Vlastislav Cerveny of Charles University, Prague, Czechoslovakia. 519 Physics Building.

10 October, Tuesday

Physics Colloquium
3:30 p.m. "Ray method in seismology: its possibilities and limitations," with speaker V. Cerveny of Charles University, Prague. V-120 Physics Building.

Entomology Seminar

4:30 p.m. "Dermacentor Albibipictus, a pest tick of moose in Alberta," with speaker W.M. Samuel, 62 Athabasca Hall Annex.

12 October, Thursday

11 October, Wednesday

Topical Canadian Issues Lecture
12 noon. "The Canadian and American Economies," with speaker B. Wilkinson of the Economics Department. Alberta College.

Polish Society Lecture

7:30 p.m. "The Natural Resource of Poland and their Utilization," with speaker Boleslaw Ignasiak of the Alberta Research Council, 14-6 Tory Building.

12 October, Thursday

Guest Lectures

10 a.m. "Social change in Japan after the oil shock," with speaker Hiroshi Komai of the University of Tsukuba, Tokyo. 14-6 Tory Building.

2 p.m. "Changing patterns of thought among high rise apartment dwellers in Tokyo," with speaker Shogo Koyano of the Tokyo Metropolitan University. 5-15 Tory Building.

Religious Studies Guest Lecture

11 a.m. "The forgiveness of sin and the

question of God," with speaker Heinrich Ott of the University of Basel, Switzerland. 2-38 Humanities Centre.

Seismological Seminar

3:30 p.m. "The Ray Method for Three-Dimensional Structures," with speaker Vlastislav Cerveny of Charles University, Prague, Czechoslovakia. 519 Physics Building.

Classics Seminar

4 p.m. "The early name of the Emperor Claudius," with speaker Christopher Simpson. 1-84 Humanities Centre.

SCHOLARSHIPS, FELLOWSHIPS, AND AWARDS

A special area in 252 Athabasca Hall has been set aside as an information centre on graduate scholarship competitions for study in Canada and abroad. Students may use this reference section during normal office hours.

Canadian National Sportsmen's Fund Conservation Scholarships

Donor: Canadian National Sportsmen's Fund. **Where tenable:** Canada. **Level of study:** Doctoral. **Field of study:** Conservation and management of wildlife and its habitat. **Value:** \$8,000. **Number:** Variable. **Duration:** One year, with possible renewal. **Conditions:** The candidate, a Canadian citizen or landed immigrant and a full-time student, must provide evidence of at least conditional acceptance of proposed project by the University, department, and supervisor of his choice. No other major academic award or payment for services may be accepted during the year. Minor awards or payments for the performance of duties not exceeding a total of ten hours per week, average, may be accepted. **Closing date:** 1 November 1978. **Further information and application forms should be requested from:** Student Awards Office, University of Alberta, 252 Athabasca Hall, Edmonton, Alberta, T6G 2G1.

IODE Scholarships

Donor: IODE. **Where tenable:** Canada or overseas within the Commonwealth. **Level of study:** Post-graduate. **Field of study:** History, economics, constitutional government, the humanities, or any subject vital to the interests of the Commonwealth. **Value:** \$5,000 (Canada), \$6,000 (Commonwealth). **Number:** Ten. **Duration:** One year. **Conditions:** The candidate must be a Canadian citizen, and hold a first degree from a recognized university or degree granting college in Canada. At time of applying, the candidate's studies for a Master's degree must be in progress, or have been completed. The candidates must also be between 20 and 30 years of age on 31 December of year in which they receive scholarship. **Closing date:** 10 December 1978. **Further information and application forms should be requested from:** Student Awards Office, 252 Athabasca Hall, Edmonton, Alberta, T6G 2G1.

Shastri Indo-Canadian Institute Research Grants and Fellowships

Donor: Shastri Indo-Canadian Institute. **Where tenable:** India. **Level of study:** Post-Doctoral; Pre-Doctoral. **Field of study:** Humanities and Social Sciences. **Value:** Rs. 20,000-60,000. **Number:** Variable. **Duration:** 3 to 12 months. **Conditions:** The candidate must be a Canadian citizen or landed immigrant. Scholars must be affiliated with an institution or university in India during the period

of the grant. *Closing date: 10 October 1978. Further information and application forms should be requested from: Student Awards Office, University of Alberta, 252 Athabasca Hall, Edmonton, Alberta, T6G 2G1.*

POSITIONS VACANT

NON-ACADEMIC POSITIONS

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, third floor, SUB, telephone 432-5201. Please do not contact the department directly. Positions available as of 29 September.

Office Services File Clerk (\$695-\$803)—Office of the Registrar
Clerk Steno II (\$695-\$830)—Entomology; Botany
Dental Assistant (\$721-\$863, term)—Community Dentistry
Dental Assistant (\$721-\$863)—Community Dentistry
Clerk Typist III (\$748-\$895)—Purchasing; Personnel Services and Staff Relations
Clerk Steno III (\$386-\$464, half-time)—Geology
Clerk Steno III (\$772-\$929)—Medicine; Mineral Engineering
Admission Records Trainee (\$803-\$969)—Office of the Registrar
Library Assistant I (\$803-\$969)—Sociology
Secretary (\$863-\$1,053)—Canadian Institute of Ukrainian Studies; Dean of Medicine; Business Administration and Commerce
Administrative Clerk (\$895-\$1,096)—Faculty of Medicine; Romance Languages
Departmental Secretary (\$969-\$1,192)—University Collections; Language Laboratory
Library Assistant III (\$1,009-\$1,243)—Boreal Institute
Accounts Clerk III (\$1,009-\$1,243)—Internal Audit Department
Computer Assistant I (\$695-\$830)—Computing Services (three positions)
Maintenance Man I (\$830-\$1,009)—Housing and Food Services
Research Planning Analyst II (\$895-\$1,096)—Vice-President (Planning and Development)
Technician I (\$895-\$1,096, trust)—Pharmacology
Cartographic Technician I (\$895-\$1,096)—Geography
Technician I/II (\$895-\$1,243)—Industrial and Vocational Education
Technician I/II (\$895-\$1,243, trust)—Physiology
Biochemistry Technician I/Technologist I (\$895-\$1,243, trust)—Biochemistry
Electronics Technician I (\$929-\$1,143)—Technical Services
Maintenance Man II (\$969-\$1,192)—Housing and Food Services (two positions); Housing and Food Services, HUB
Technician II (\$1,009-\$1,243)—Pathology
Chemical Technician II (\$1,009-\$1,243)—Soil Science
Technologist I (\$1,009-\$1,243)—Surgery
Technologist I (\$6.65-\$8.00/hr, trust, part-time)—Home Economics
Electron Microscope Technician II (\$1,009-\$1,243, trust)—Anatomy
Draftsman II/III (\$1,053-\$1,476)—Purchasing, Interior Design
Machinist Technician II/III (\$1,143-\$1,611)—Technician Services (Machine Shop)
Typographical Tradesman III/IV (\$1,192-\$1,543)—Printing Services
Engineering Technologist III/IV (\$1,243-\$1,759)—Physical Plant, Engineering
Machinist Technician III (\$1,298-\$1,611)—Physics (two positions)
Technician IV (\$1,298-\$1,611)—Purchasing, Interior Design

Senior Internal Auditor (\$1,354-\$1,682)—Internal Audit Department
Programmer/Analyst III (\$1,415-\$1,759)—Computing Services

The following is a list of currently available positions in the University of Alberta Libraries. The bulletin board in the Cameron Library, Room 512, should be consulted for further information as to availability and position requirements.

Library Clerk II (\$695-\$803)—Education
Library Assistant II (\$895-\$1,096)—Cataloguing

ACADEMIC POSITIONS IN CANADA

Information concerning the positions listed below is available from the Canada Manpower Centre, Floor 4, Students' Union Building (telephone 432-4291).

Research Scientist/Engineer

The Quebec Iron and Titanium Corporation (QIT) requires a research scientist or engineer to carry out electric arc studies in the Research Department in Sorel. The research program will consist of a study of arc properties using high speed photographic and spectroscopic techniques and a study of energy transfer from the arc to the molten bath.

The successful candidate will find a challenging opportunity with a recently formed group in the design and implementation of diagnostic techniques and in the interpretation of data obtained under industrial smelting conditions as found in a pilot plant electric arc furnace.

The successful candidate should have a PhD, MSc or MEng degree and/or few years research experience in the field of plasma physics or electric arcs. A knowledge of French would be an asset.

Staff Investigator

The research section of the Institute of Community and Family Psychiatry in Montreal has an opening for a Staff Investigator. The candidate should have a PhD, or have completed all the requirements for it, and be interested in working in psychiatric research in an interdisciplinary setting. The candidate should have a strong background in statistics and quantitative methods in social research. A working knowledge of French would be an asset.

ADVERTISEMENTS

All advertisements must be received by 4:30 p.m. on the Thursday prior to publication. The cost is 15 cents per word for the first week and 5 cents per word for subsequent weeks ordered before the next deadline. Advertisements must be paid for in advance, and are accepted at the discretion of the Editor. We regret that no advertisements can be taken over the telephone. For order forms or further information, telephone 432-2325.

Accommodations available

Wish to trade five-acre Vancouver area lot for similar parcel in west Edmonton region. Lot is in Belcarra Park area, two miles north of Simon Fraser University, overlooking Bedwell Bay. Telephone 487-3310 after 4 p.m., weekdays or weekends.

For sale by owner—3-bedroom bungalow, 1,200 square feet, revenue from basement suite, garage, ideal for large family. \$84,900. 434-6142.

Cozy lakefront house—furnished. October to April. Close to highway and store. \$160 monthly. Ideal retreat for young and old, for winter fun or someone to write thesis. References required.

R. Griffel, Mulhurst, telephone 389-3857.
Room for rent. 10832 75 Avenue. 439-1936.

By owner—luxury bungalow, facing University farm, cedar siding, 5 bedrooms, den, 2½ baths, patio, garage. \$119,000. 436-0859. Principals only.

For sale—Glenora. Two bedroom bungalow, finished basement, Resi Richter. Weber Bros. 483-9432, 455-4135.

Wanted—non-smoking female to share completely furnished three-bedroom home. \$175 monthly. excluding food and utilities. Ten minute bus ride to University. Available 15 October. Phone Suzan 452-3050, 432-5807.

For sale—lovely two bedroom condominium close to University, shopping, Whitemud. Morning balcony, fully carpeted, three appliances. Shared facilities include whirlpool, sauna, recreation room with fireplace. Units rent for up to \$425. Asking \$46,900 with 95% financing available. Call Hugh, 426-5880 page 5010. Latitude 53 Realty.

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For sale—choice location, executive, two-storey, four bedrooms, separate dining room, family room. For viewing call Resi Richter. Weber Bros. 483-9432, 455-4135.

For rent—Southgate area. Large 3 bedroom townhouse. 1½ baths, 5 appliances. \$430. 454-7545 or 436-6032.

For rent—Belgravia. Three bedroom house. 1,330 square feet. Furnished. Additional bedroom and playroom in finished basement. 2½ bathrooms. Garage. Large quiet lot. Ideal family house. Close to campus. Available for eighteen months from 1 January. \$500 per month. 436-4367.

For sale—Belgravia. Charming, four bedrom, semi bungalow. Located on quiet crescent. Large lot with single front drive garage. Have purchased new home and are anxious for sale. Please call Jim Hindle. Hindle Realty Ltd. 433-3101, 436-2072.

For sale—Westbrook area. Executive two storey with golf course view. Features huge sunken living room with fireplace, main floor den or family room and formal dining room. Asking \$159,500. Call Jeanne Eid. Residence 434-5780 or business 436-5250. Spencer Real Estate Ltd.

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For sale—Executive condominium. Country gardens, secluded but convenient access to downtown and University. Five major appliances included. Features underground parking, swimming pool, sauna. Asking \$82,500. Jeanne Eid. Residence 434-5780. Business 436-5250. Spencer Real Estate.

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